

Fig. 2

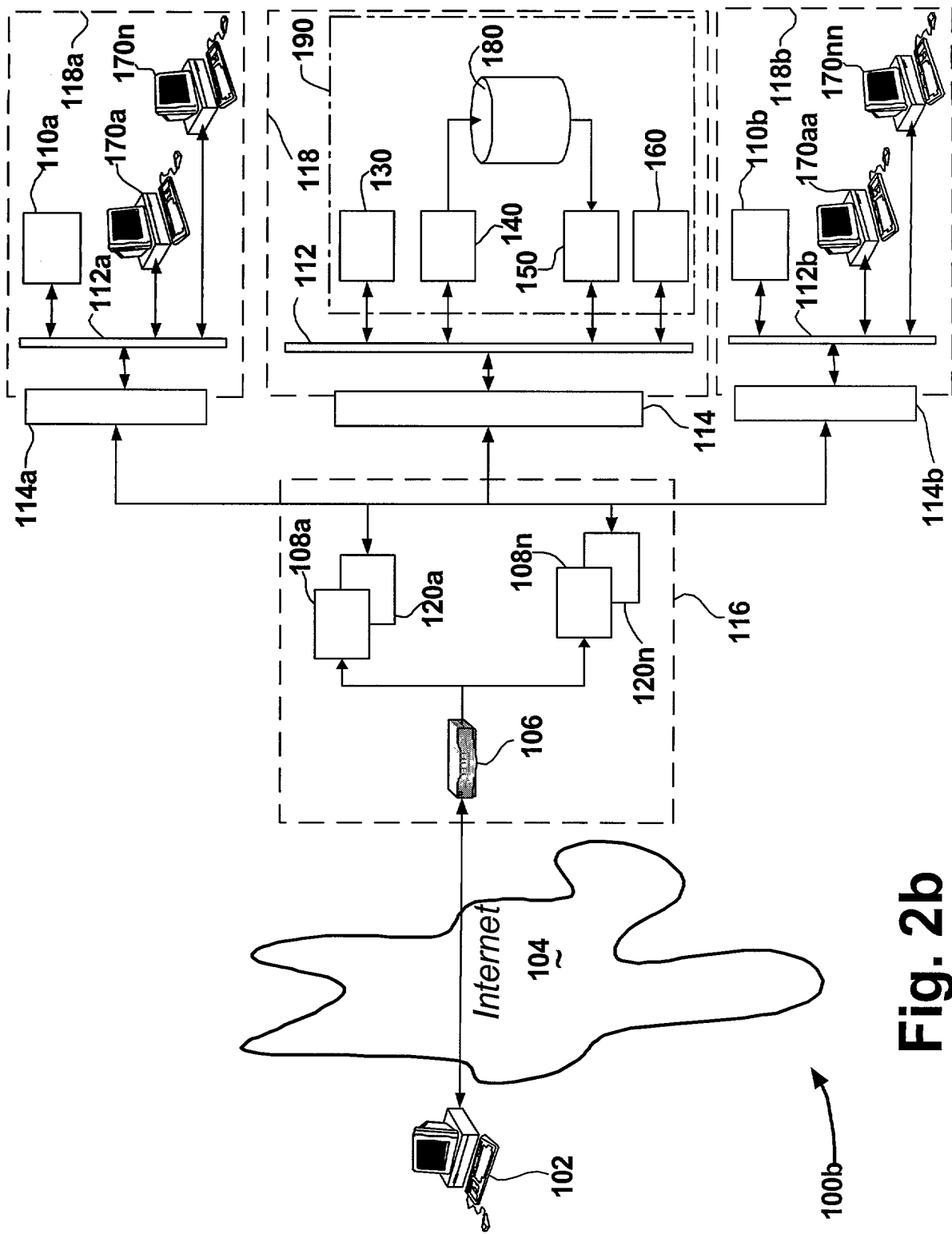
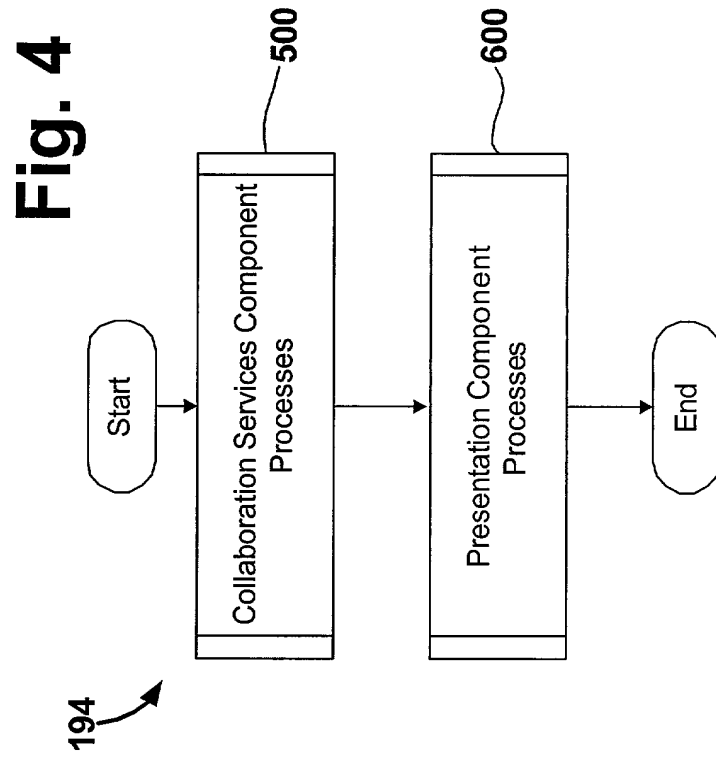
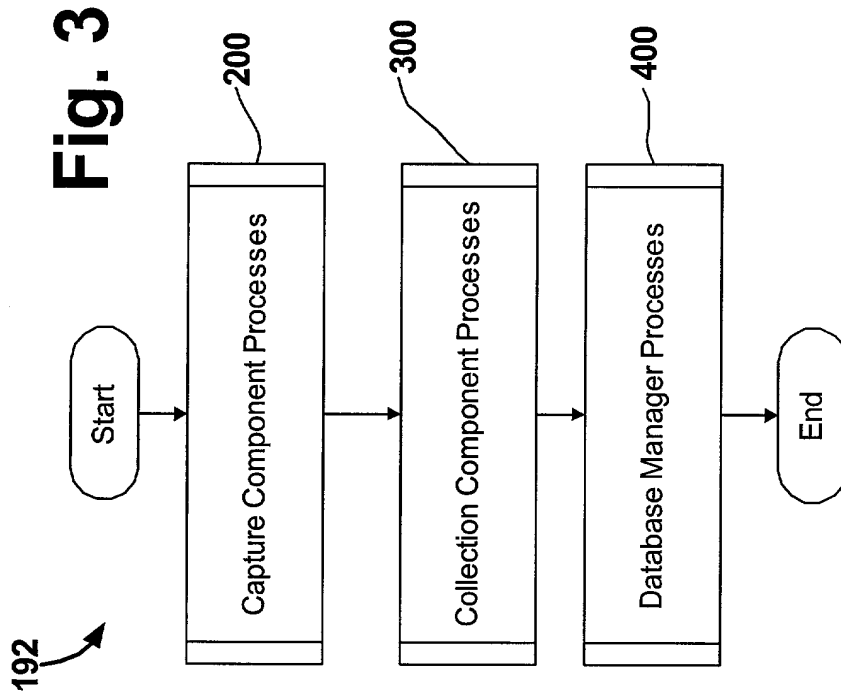
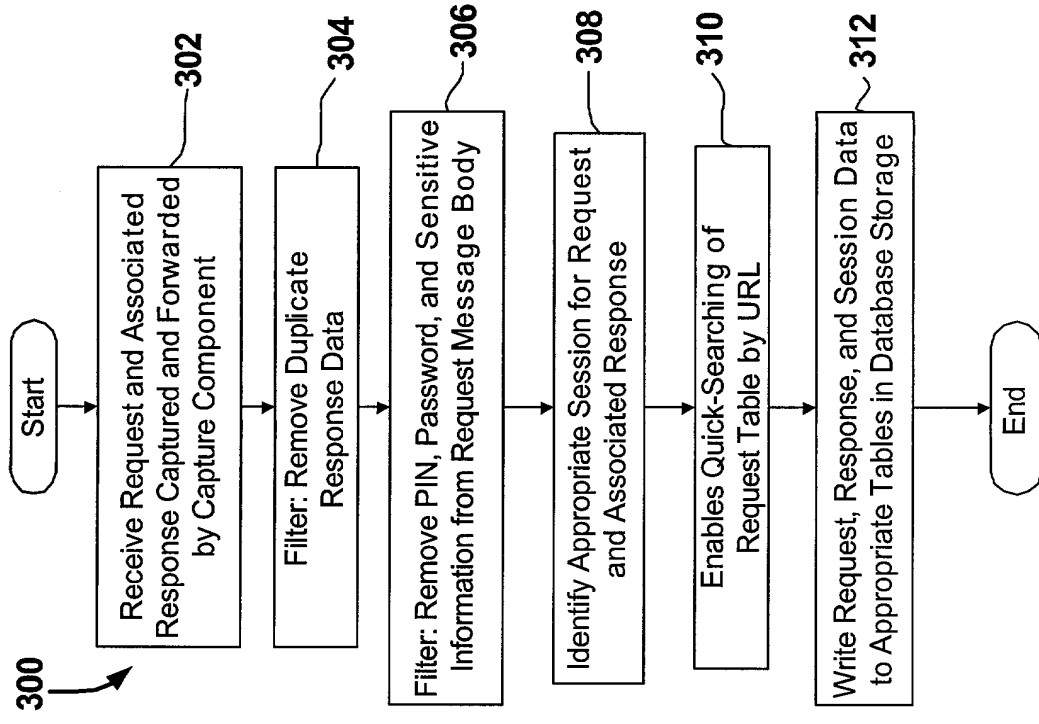
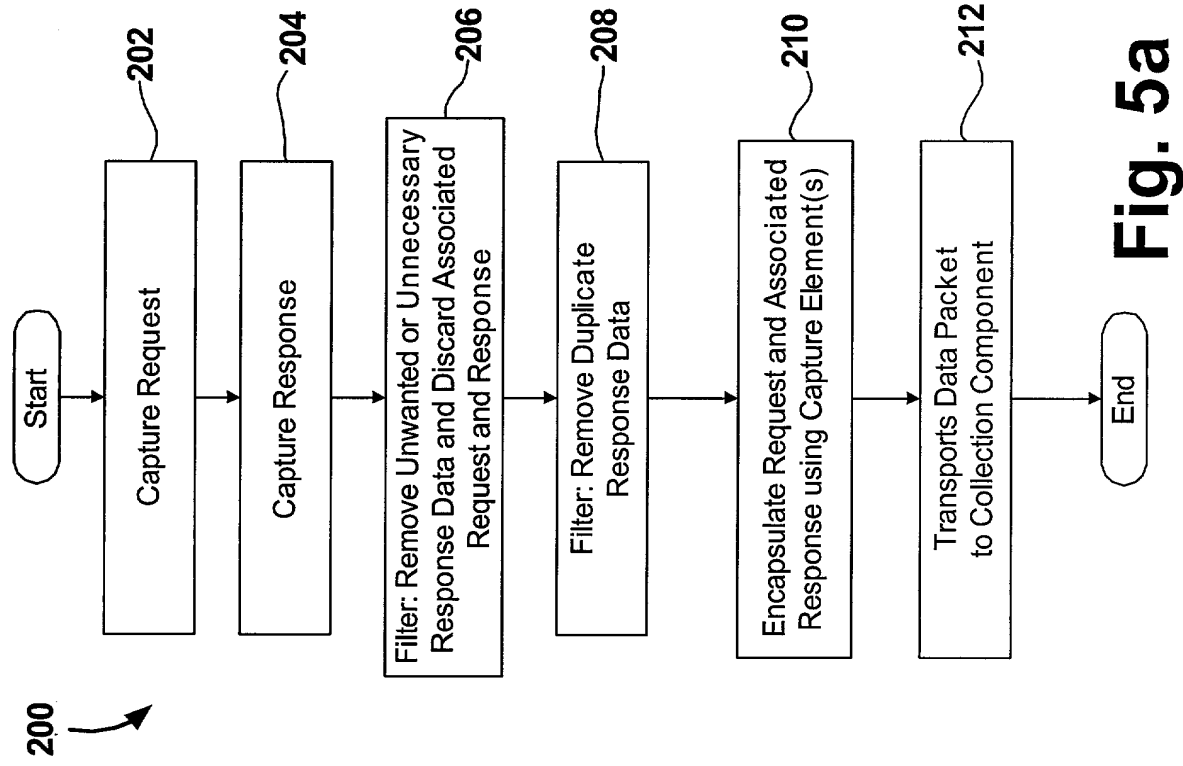


Fig. 2b





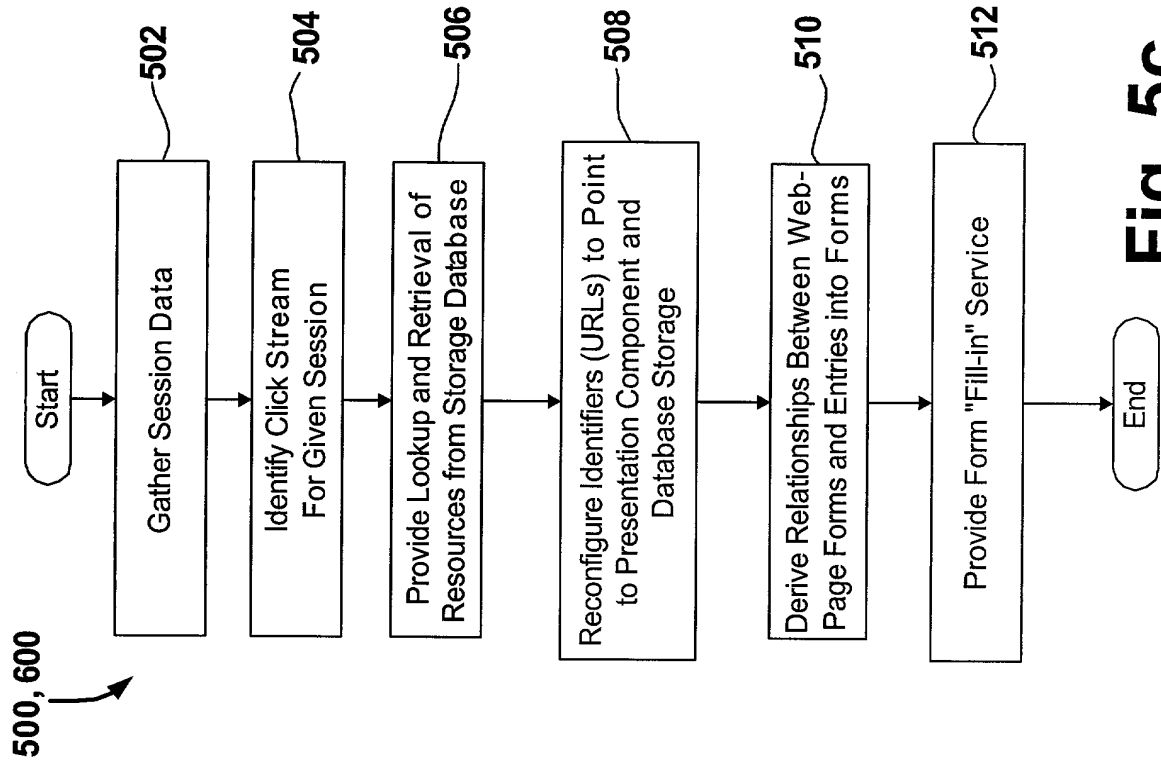


Fig. 5c

202,210

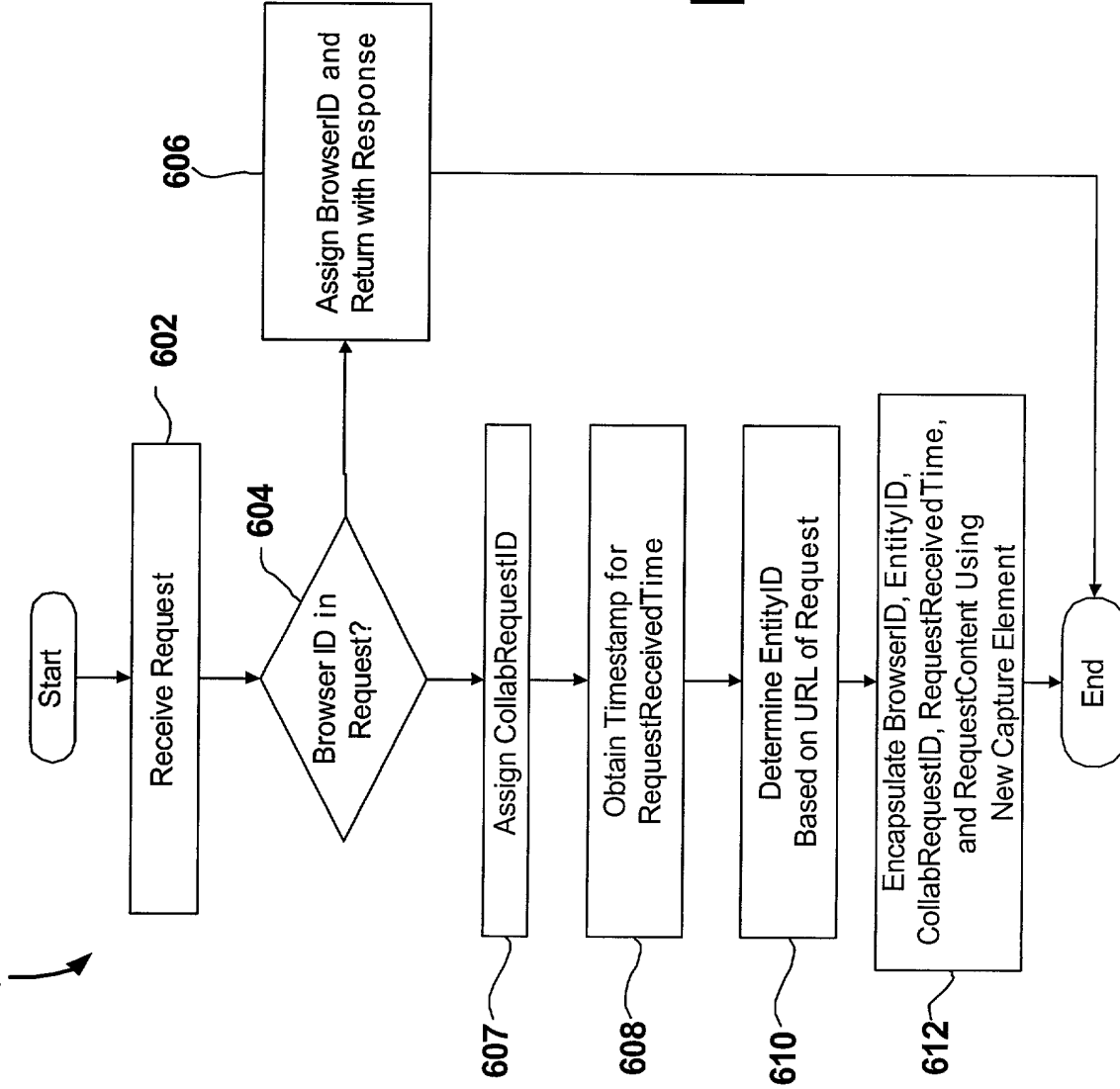
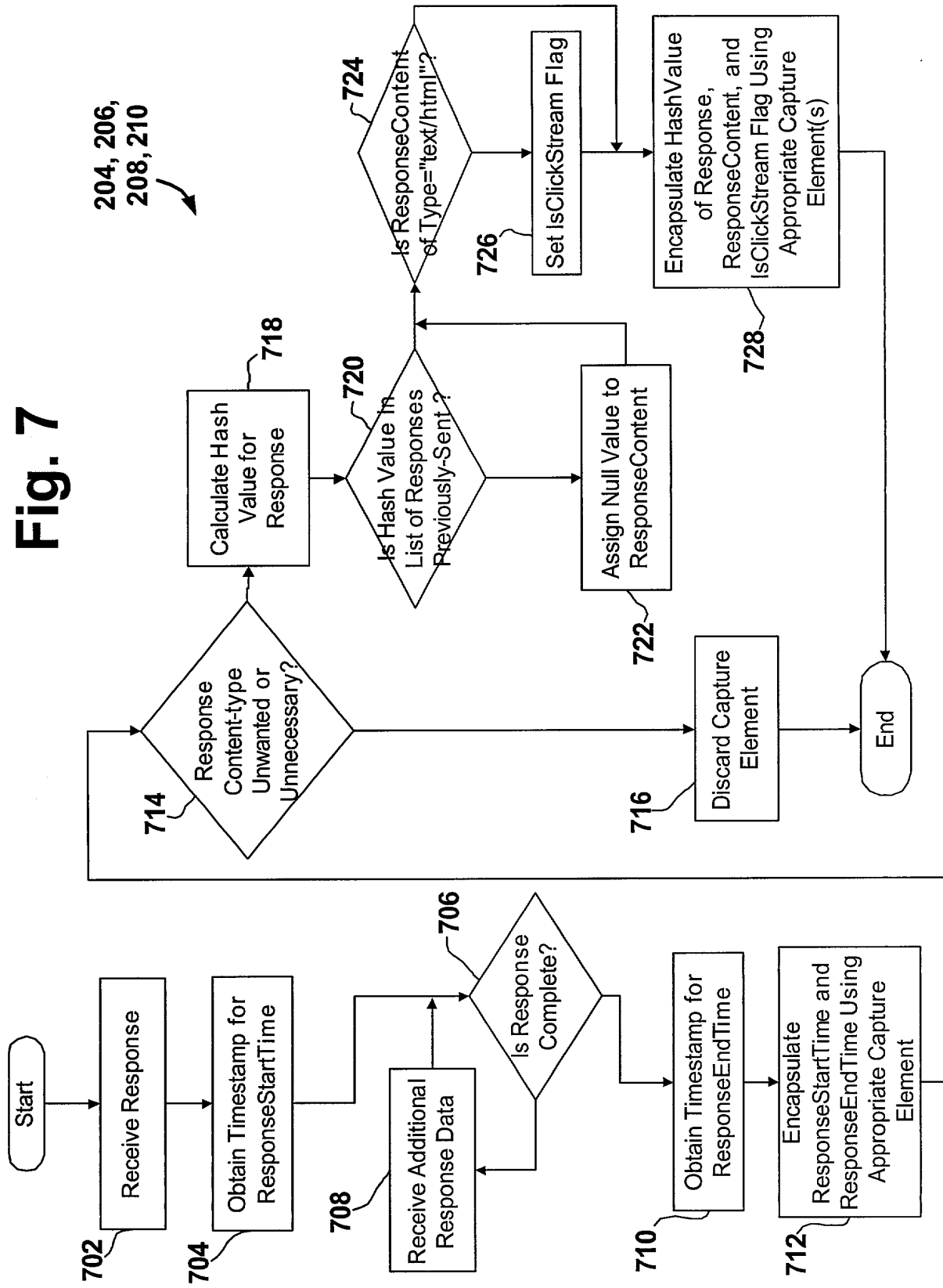


Fig. 6

Fig. 7



Capture Element (Request/Response Pair) (800a)

802	803	804	805	806	808	810	812	814	816
Browser ID	Entity ID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Response Content	Is Click Stream (flag)

Fig. 8a

Capture Element (Request only) (800b)

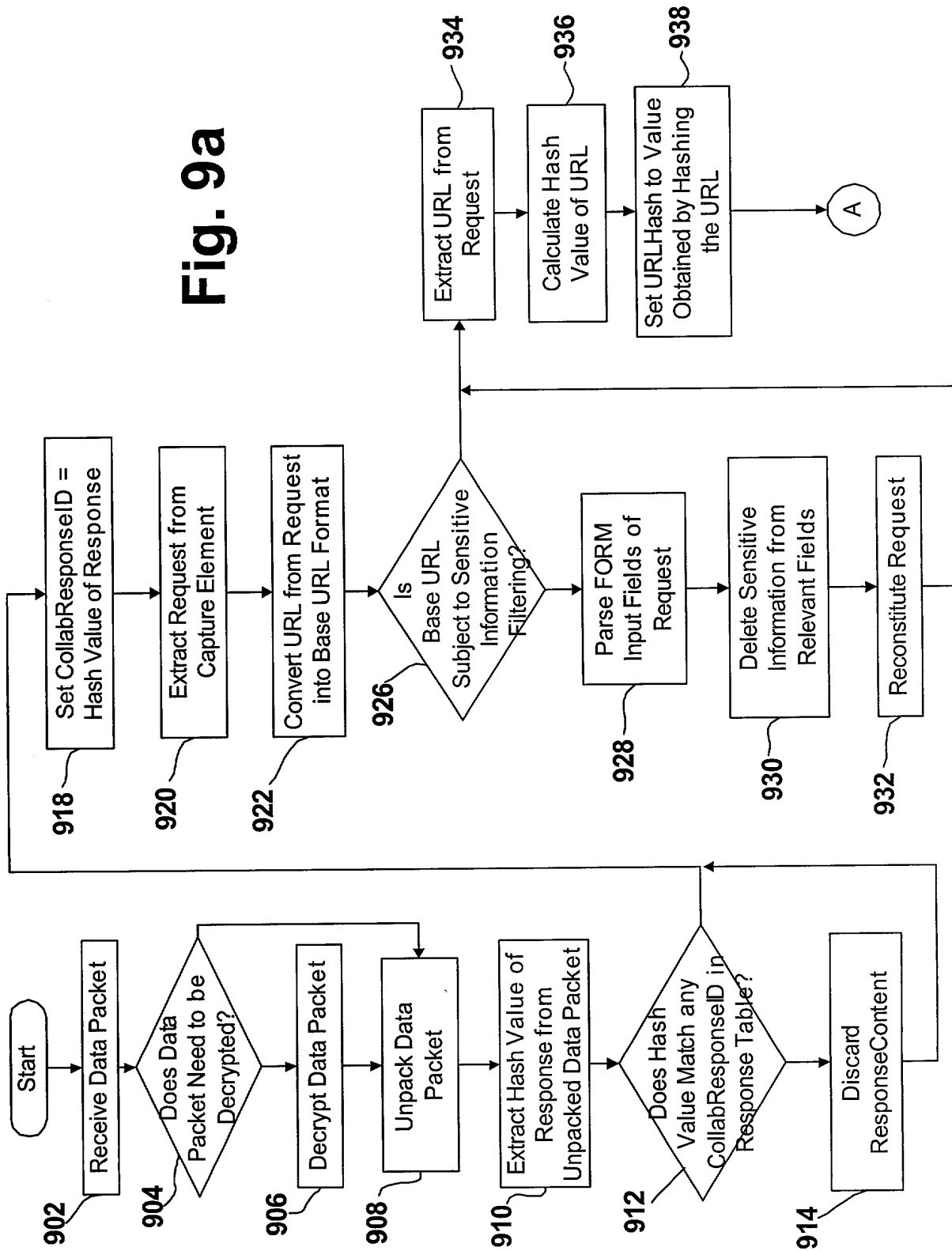
802	803	804	805	806	808	810	812	816
BrowserID	EntityID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Is Click Stream (flag)

Fig. 8b

Capture Element (Response only) (800c)

812	814
Hash Value of Response	ResponseContent

Fig. 8c



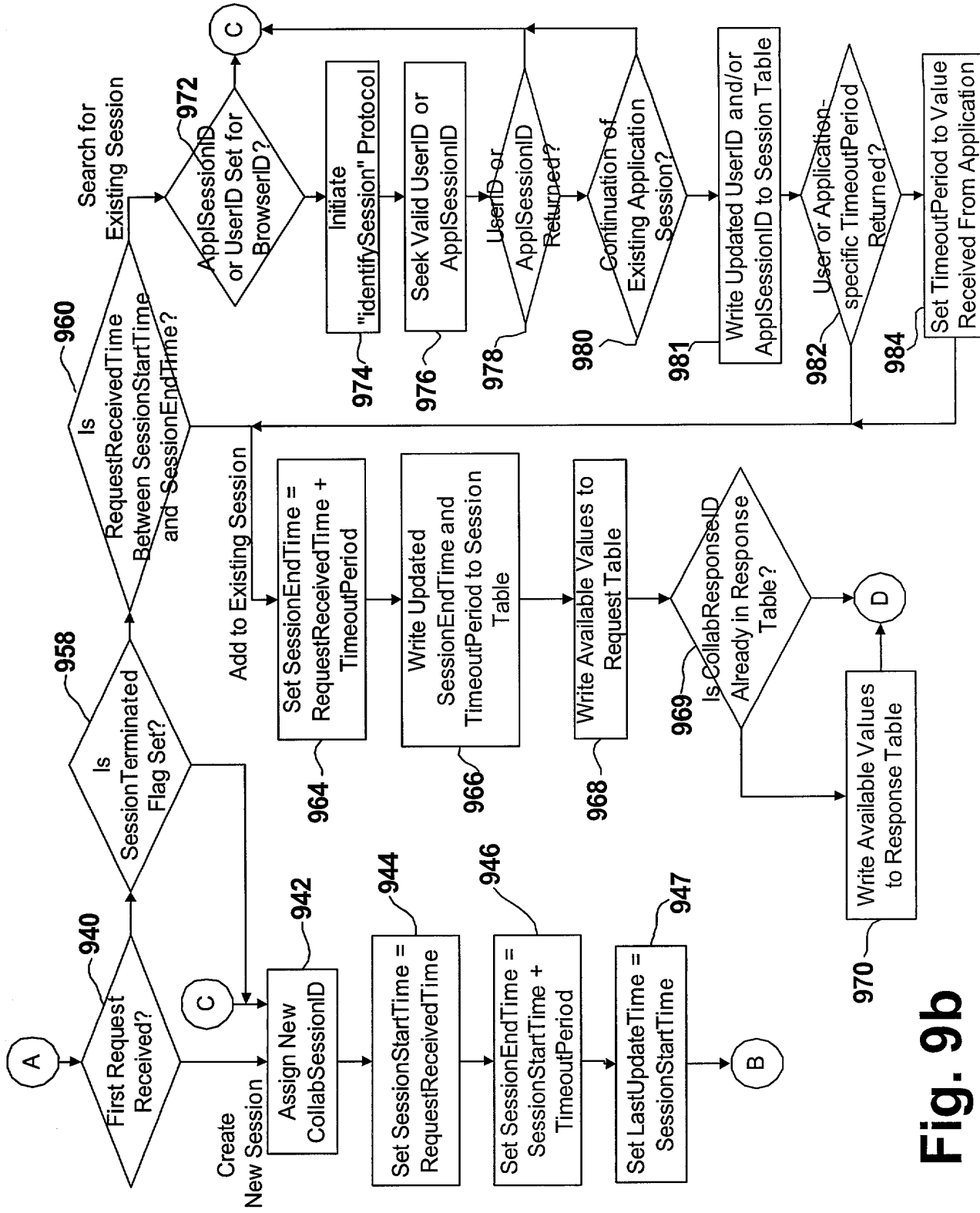
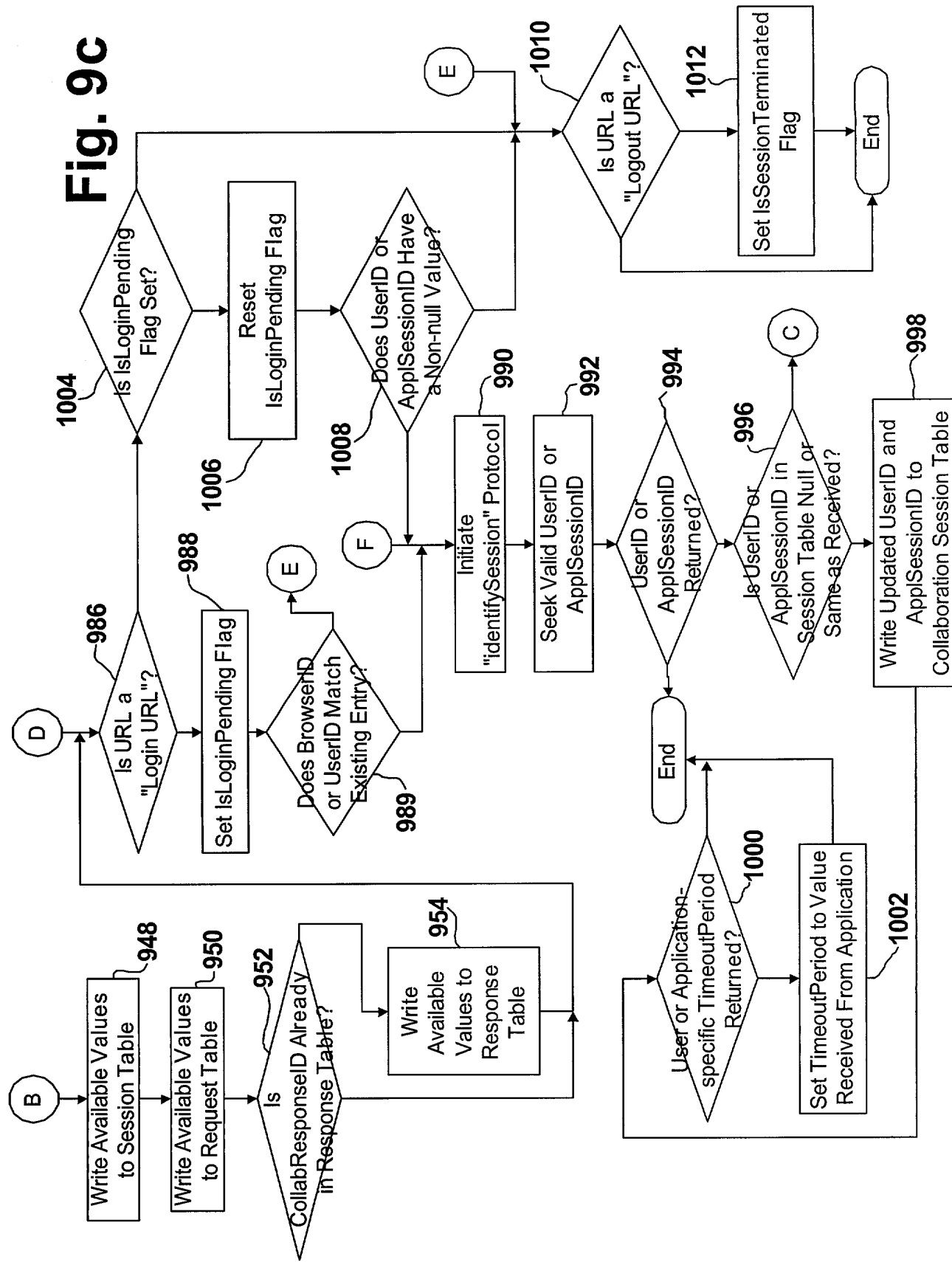


Fig. 9b



Session Table (1052)

Record #	1	2	3	4	...	x
CollabSessionID						
BrowserID						
UserID						
ApplSessionID						
EntityID						
SessionStartTime						
SessionEndTime						
LastUpdateTime						
TimeoutPeriod						
IsLoginPending (flag)						
IsSessionTerminated (flag)						

Fig. 10a

Request Table (1054)

Record #	1	2	3	4	...	y
CollabSessionID						
CollabRequestID						
RequestContent						
RequestReceivedTime						
URLHash						
CollabResponseID						
ResponseStartTime						
ResponseEndTime						
IsClickStream (flag)						

Fig. 10b

Response Table (1056)

Record #	1	2	3	4	...	z
CollabResponseID						
ResponseContent						

Fig. 10c

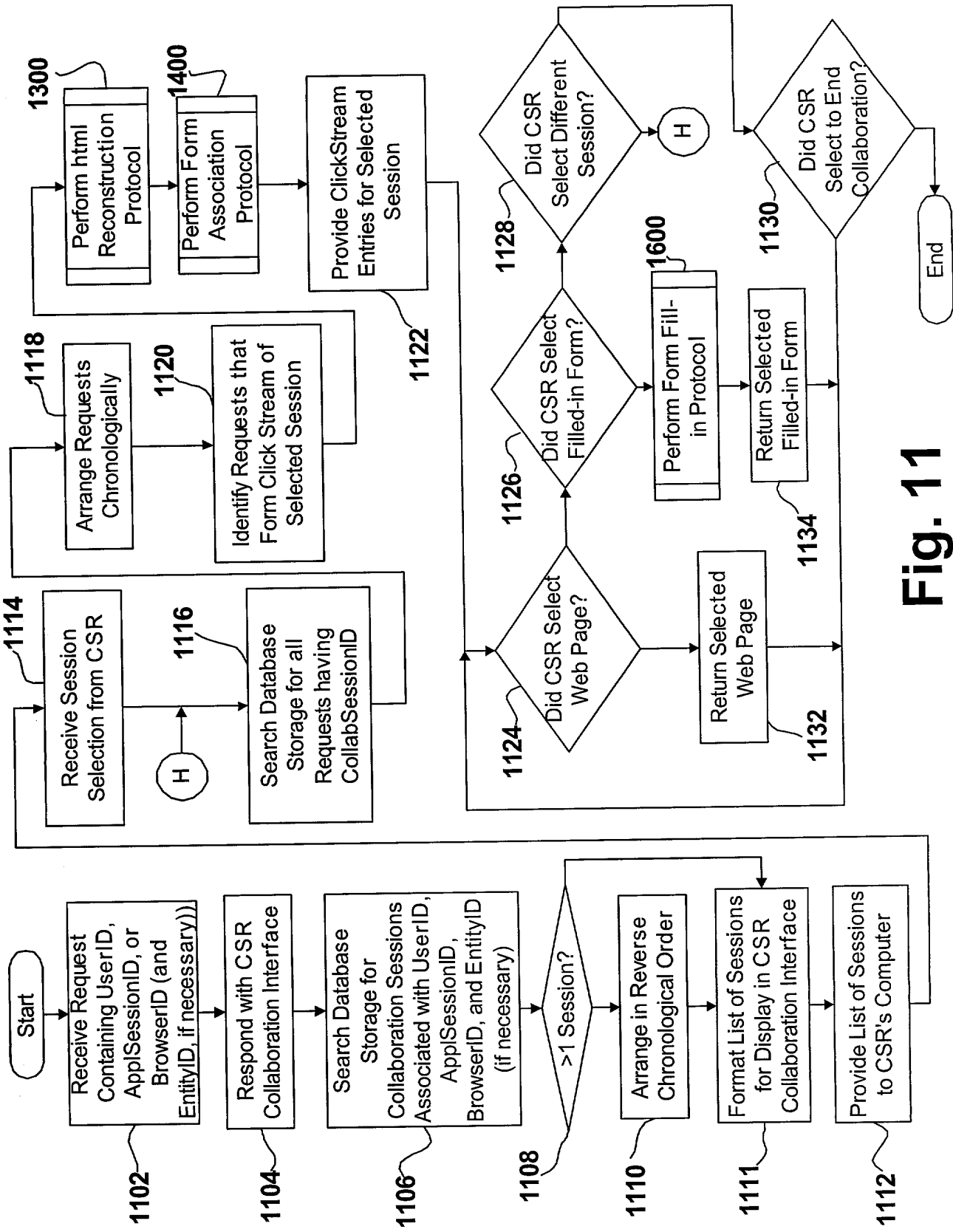
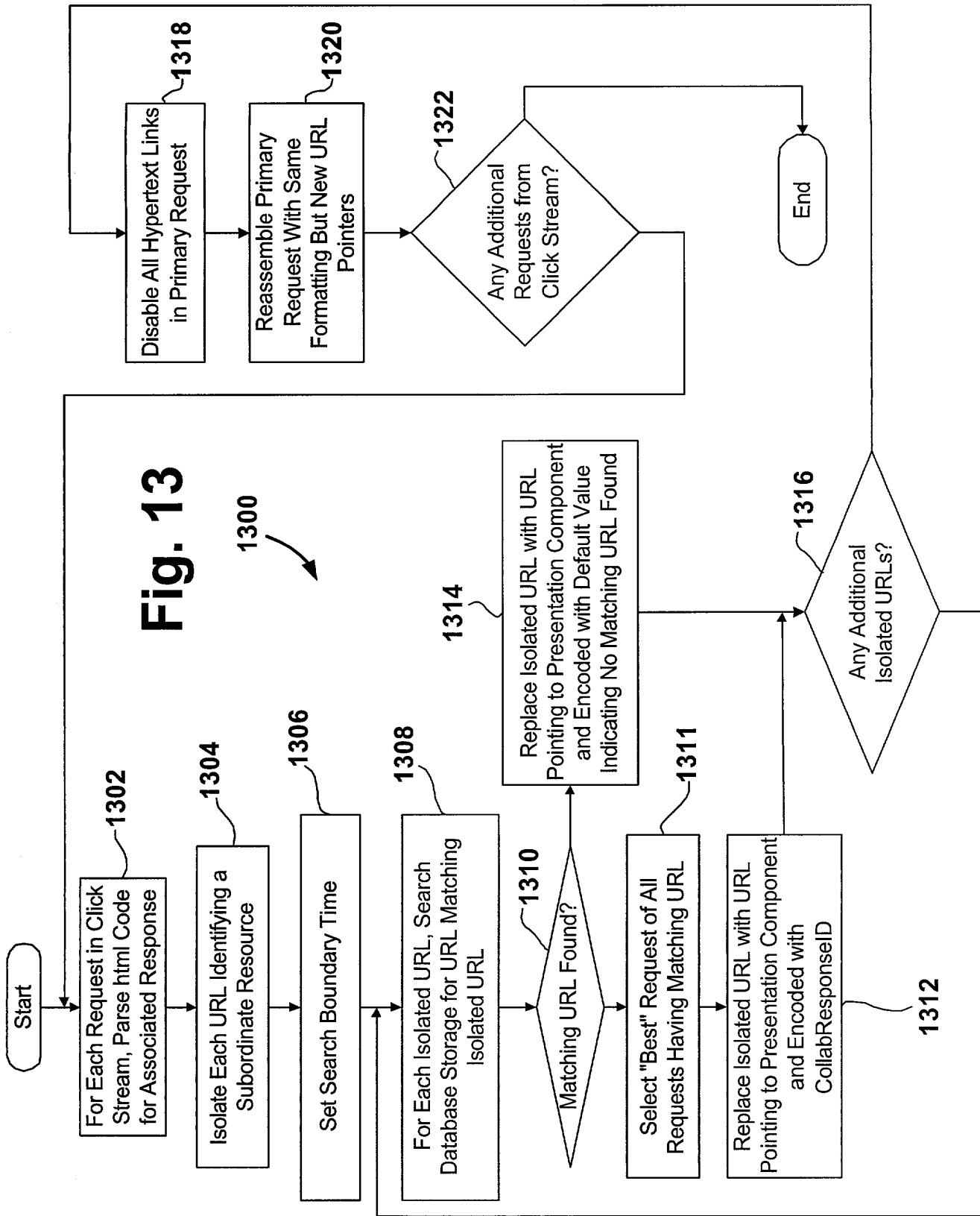


Fig. 11

Single Web Session

	<u>Request</u>	<u>Resources Referenced in Content of Corresponding Response</u>
CS	FirstPage.html	MyStyle.css FirstPic.jpg
	MyStyle.css	
	FirstPic.jpg	
CS	SecondPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
	SecondPic.jpg	
CS	ThirdPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
CS	FourthPage.html	

Fig. 12



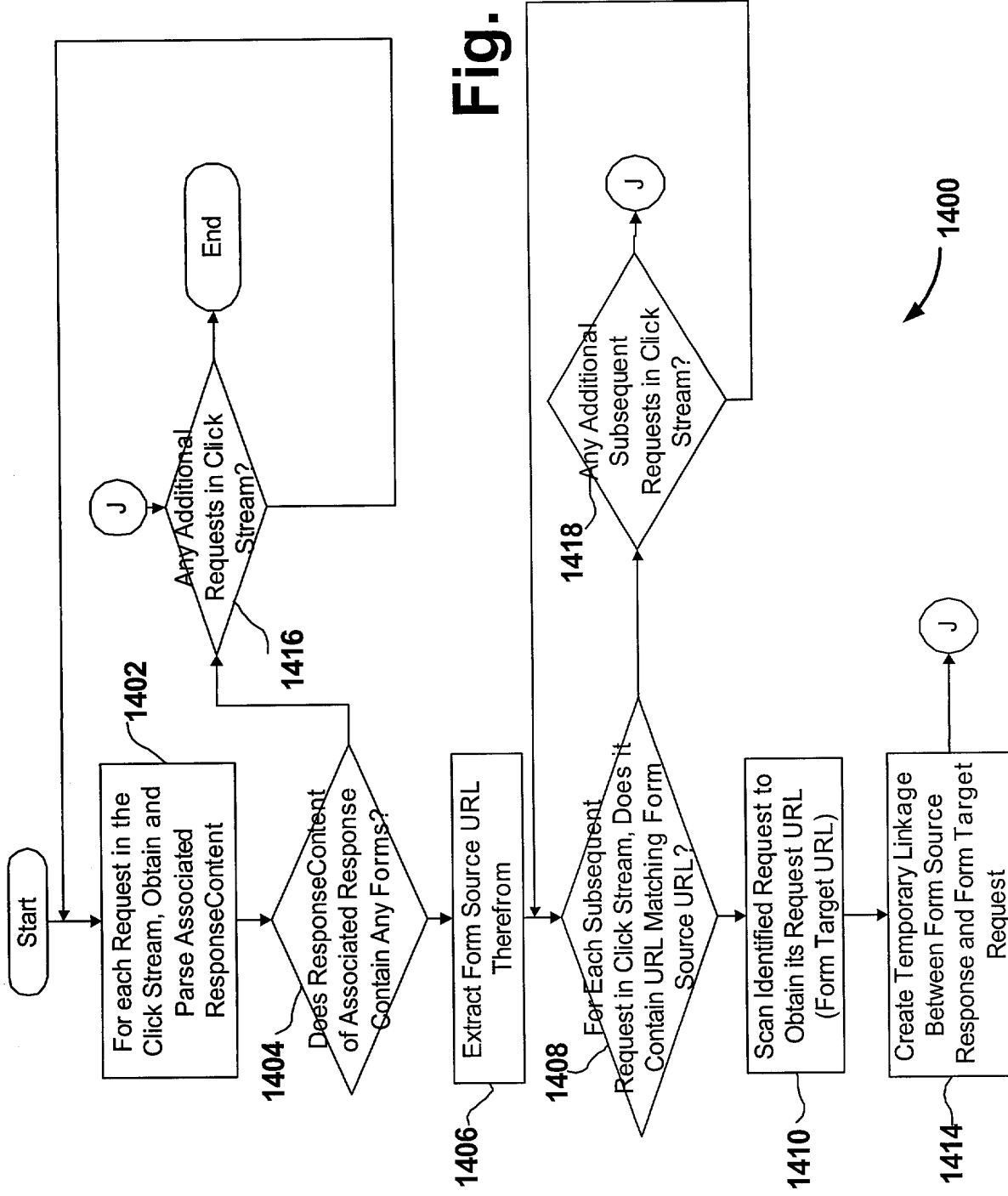


Fig. 14

User Name

John Doe

1542

User ID

12-483-79

1544

AppID

12-978A-BGN

1546

1504

Available Web Sessions

Start Date/Time	End Date/Time	1564
MM/DD/YYYY x:xx:xx	MM/DD/YYYY x:xx:xx	1510
MM/DD/YYYY x:xx:xx	MM/DD/YYYY x:xx:xx	1510
MM/DD/YYYY x:xx:xx	MM/DD/YYYY x:xx:xx	1510
MM/DD/YYYY x:xx:xx	MM/DD/YYYY x:xx:xx	1510

1506

1526

Close Window

Web Session Collaboration

1502

1508

1500

Fig. 15a

1502

Web Session Collaboration

1528

1542

User Name John Doe

1544

User ID 12-463-79

1546

ApplSessionID 12-978A-BGN

1504

Available Web Sessions

Start Date/Time 1562 End Date/Time 1564

MM/DD/YYYY x:x:xx MM/DD/YYYY x:x:xx MM/DD/YYYY x:x:xx MM/DD/YYYY x:x:xx

Web Site Home Page

* Application Login Page

Account Summary

* Buy Order Form Page

Confirmation Page

MM/DD/YYYY x:x:xx MM/DD/YYYY x:x:xx MM/DD/YYYY x:x:xx

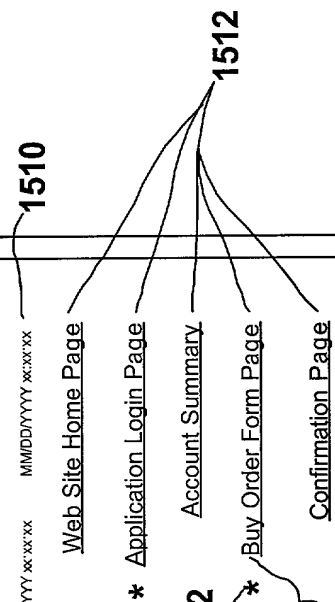
1522

1520

1526

Close Window

1506



1508

1500

Fig. 15b

User Name 1542

UserID 1544

ApplSessionID 1546

1504

Available Web Sessions

Start End

Date/Time

MM/DD/YYYY x:xx:xx MM/DD/YYYY x:xx:xx

MM/DD/YYYY x:xx:xx MM/DD/YYYY x:xx:xx

[Web Site Home Page](#)

* [Application Login Page](#)

1522 [Account Summary](#)

* [Buy Order Form Page](#)

1520 [Confirmation Page](#)

MM/DD/YYYY x:xx:xx MM/DD/YYYY x:xx:xx

MM/DD/YYYY x:xx:xx MM/DD/YYYY x:xx:xx

1506

Web Session Collaboration 1502

1528

Buy Order Form Page

Enter Stock Symbol

Number of Shares

Price per Share

Expiration Time

Select Payment Method

1508

1530

Fig. 15c

1500

Web Session Collaboration

1528

1502

User Name 1542

User ID 1544

ApplSessionID 1546

1504

Available Web Sessions

Start Date/Time	End Date/Time
MM/DD/YYYY *x:xx:xx	MM/DD/YYYY *x:xx:xx
MM/DD/YYYY *x:xx:xx	MM/DD/YYYY *x:xx:xx

Web Site Home Page

* Application Login Page

1522 * Buy Order Form Page

1520 * Confirmation Page

MM/DD/YYYY *x:xx:xx	MM/DD/YYYY *x:xx:xx
MM/DD/YYYY *x:xx:xx	MM/DD/YYYY *x:xx:xx

1506 1526

Buy Order Form Page

Enter Stock Symbol

Number of Shares

Price per Share

Expiration Time

Select Payment Method

1532

1508

Fig. 15d

1500

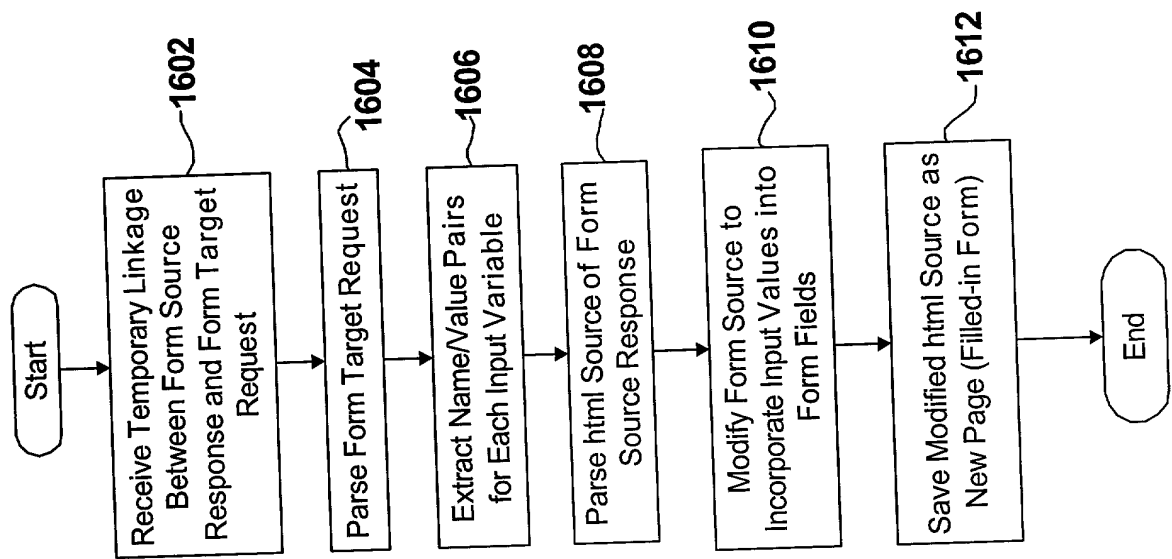
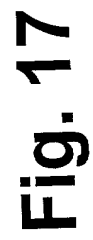


Fig. 16



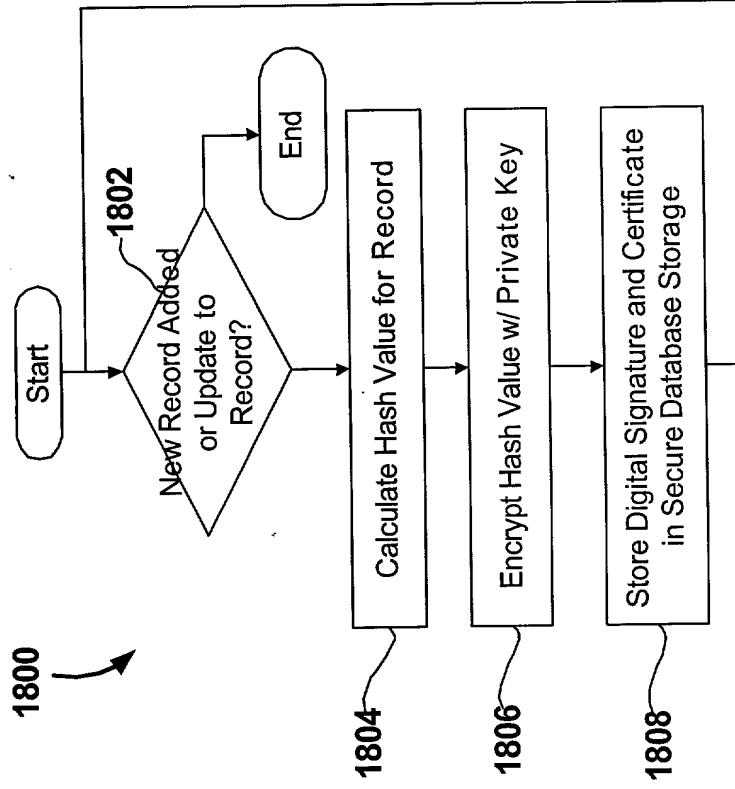


Fig. 18

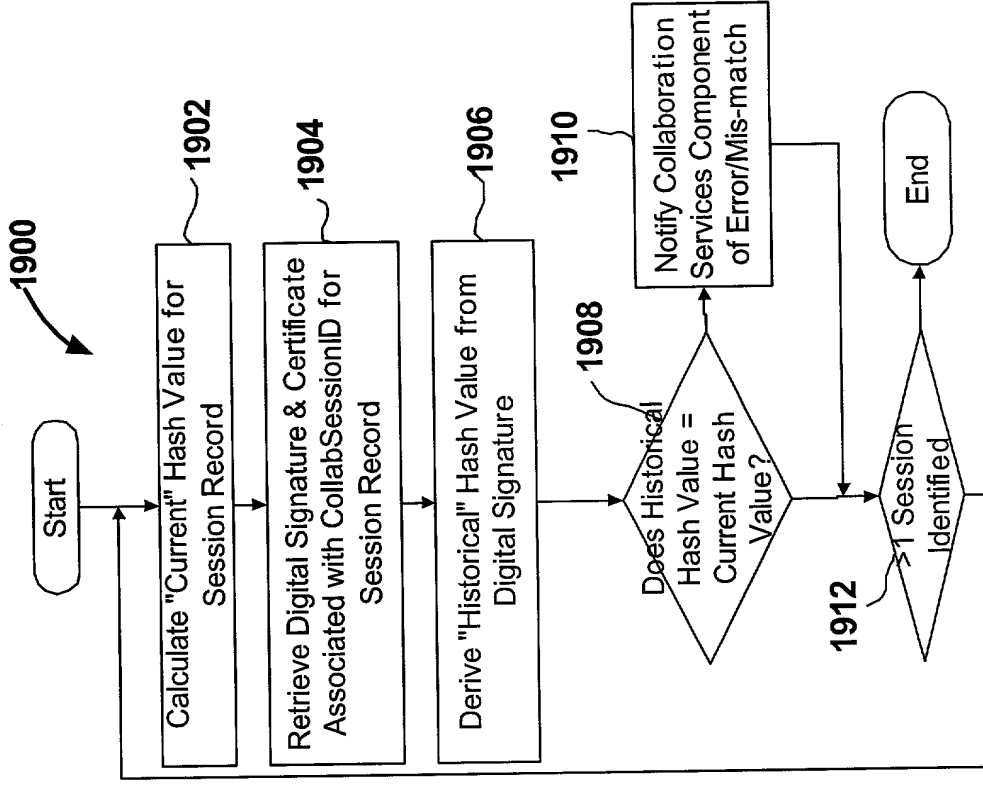


Fig. 19

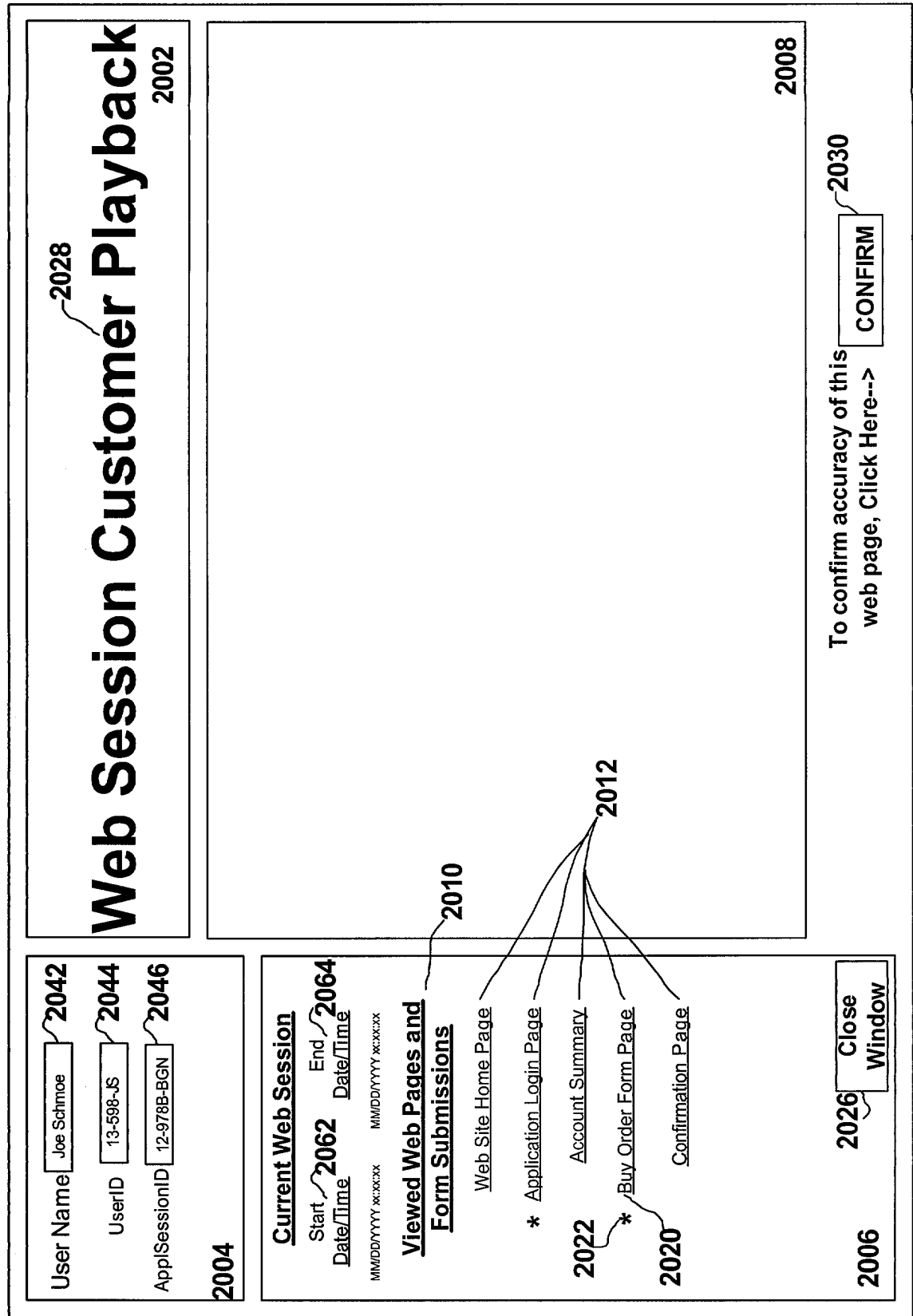


Fig. 20

User Name 2042

User ID 2044

App/SessionID 2046

2004

Current Web Session

Start End

Date/Time MM/DD/YYYY x:xx:xx

Viewed Web Pages and Form Submissions

Web Site Home Page

* Application Login Page

Account Summary

* Buy Order Form Page

Confirmation Page

2022

2020

2026

Close Window

2006

Web Session Customer Playback

2002

2010

2012

2008

2040

Digital Signature

To "digitally-sign" your confirmation of the accuracy of this web page and to view next web page, Click Here-->

Fig. 20a

2000a

Fig. 21

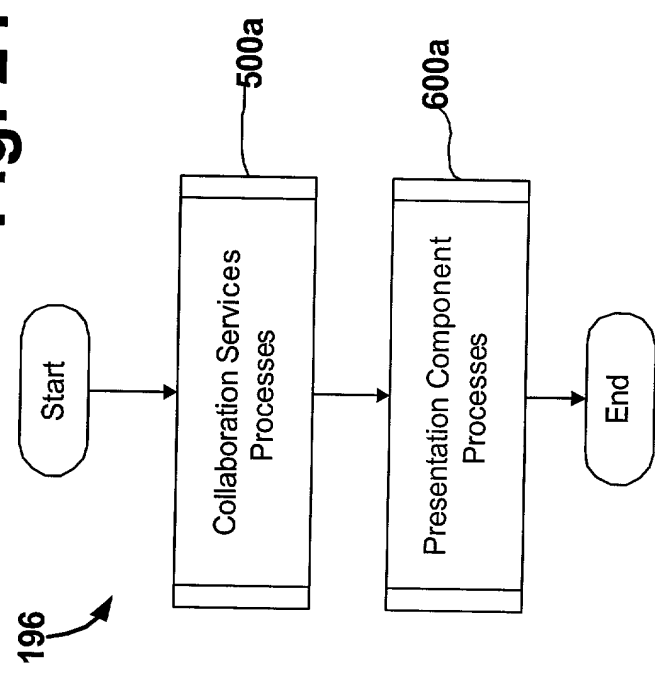
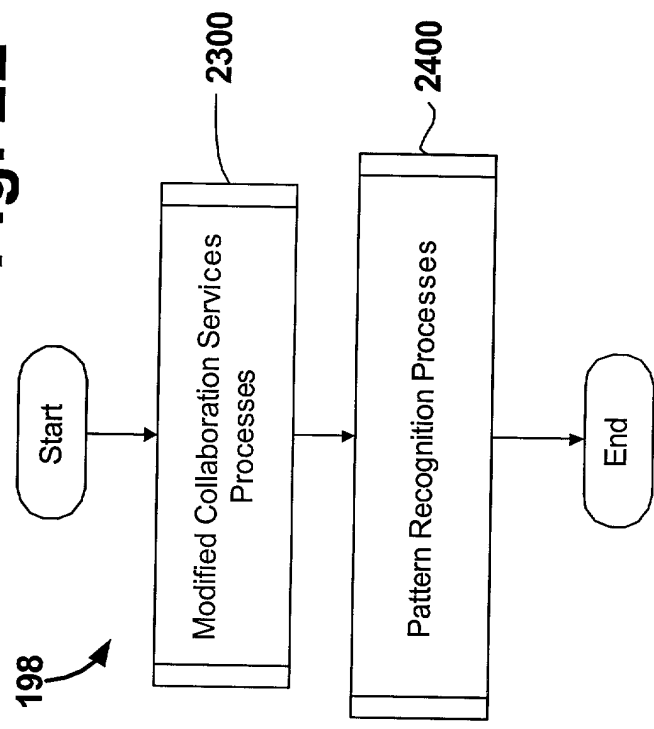


Fig. 22



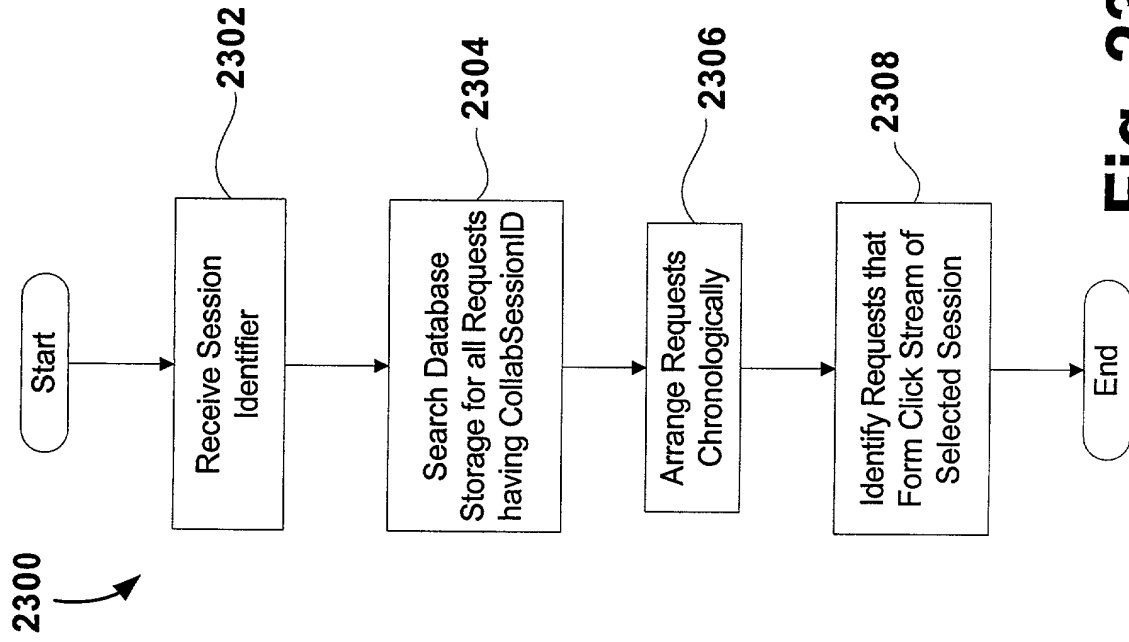


Fig. 23

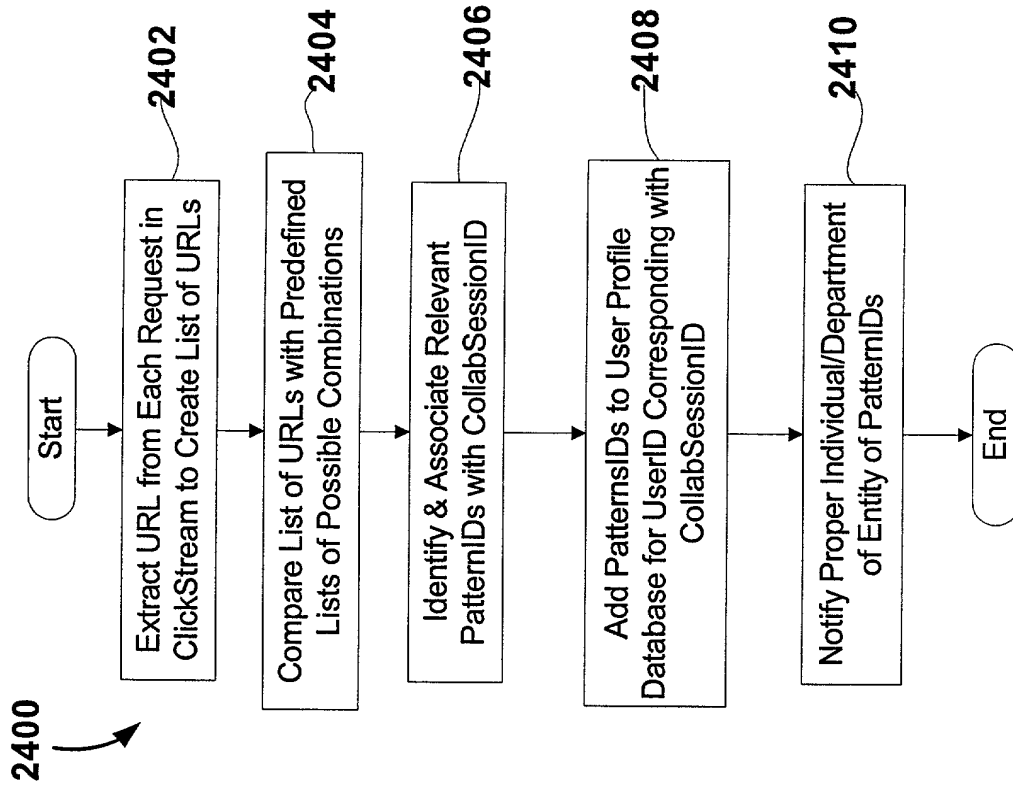


Fig. 24